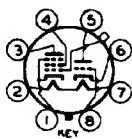




12B8-GT

TRIODE-PENTODE

12B8-GT

Heater	Coated Unipotential Cathodes	
Voltage	12.6	a-c or d-c volts
Current	0.3	amp.
Direct Interelectrode Capacitances: ^o		
<i>Triode Unit:</i>		
Grid to Plate	2.3	μuf
Grid to Cathode	5.0	μuf
Plate to Cathode	6.3	μuf
<i>Pentode Unit:</i>		
Grid to Plate	0.015	μuf
Input	5.2	μuf
Output	9.6	μuf
Pentode Grid to Triode Grid	0.002	μuf
Pentode Plate to Triode Grid	0.078	μuf
Pentode Grid to Triode Plate	0.003	μuf
Maximum Overall Length	3-9/16"	
Maximum Seated Height	3"	
Maximum Diameter	1-5/16"	
Bulb	T-9	
Cap	Skirted Miniature	
Base	Intermediate Shell Octal 8-Pin	
Pin 1 - Pentode Cathode		Pin 6 - Triode Cathode
Pin 2 - Heater		Pin 7 - Heater
Pin 3 - Pentode Plate		Pin 8 - Triode Grid
Pin 4 - Pentode Screen		Cap - Pentode Grid
Pin 5 - Triode Plate		
BOTTOM VIEW (8T)		
<u>TRIODE UNIT</u>		
<i>Typical Operation and Characteristics:</i>		
Plate	90	volts
Grid	0	volts
Amp. Fact.	90	
Plate Res.	37000	ohms
Transcond.	2400	μmhos
Grid Bias (approx.) for		
Plate-Cur. Cut-Off	-2.5	volts
Plate Current	2.8	ma.
<u>PENTODE UNIT</u>		
<i>Typical Operation and Characteristics:</i>		
Plate	90	volts
Screen	90	volts
Grid	-3	volts
Plate Res.	200000	ohms
Transcond.	1800	μmhos
Grid Bias for		
Transcond. of 2 μmhos	-42.5	volts
Plate Cur.	7.0	ma.
Screen Cur.	2.0	ma.
■ In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.		
° Values are approximate.		

JAN. 2, 1946 (9-48)

TUBE DEPARTMENT

DATA

RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY